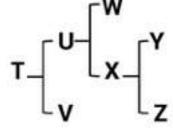
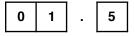


name of 2 parts/2 names [1] one is the genus and one is the species name [1]

Below is a diagram of an evolutionary tree. An evolutionary tree is a diagram that shows how closely related organisms are to one another.





State two pieces of information that scientist use to construct these evolutionary trees from.

[2 marks] any 2 from: fossil data, DNA analysis, observable similarities/physical similarities, biochemical analysis

Using the evolutionary tree above which two species have become extinct?

6

0

1

Which species is the common ancestor for all the species in the diagram?
[1 mark]
T [1]

0 1 . 9

Is species Y more closely related to species X or W? Explain your answer. [2 marks]

Species X [1] as it evolved/speciated from it [1]

[2 marks]